DISCIPLINE

Updated: 03/07/05

DEFINITION	
Name	Accessibility
Description	The Accessibility Discipline defines the principles and design of how images, content, acronyms, abbreviations, color, language, etc. are presented and transformed to customers, regardless of the technology or assistive device used, in a manner that is both understandable and navigable.
Rationale	This discipline will ensure that web sites created by the State of Missouri are developed to serve the largest possible audience. It considers issues pertaining to web page design that account for users operating in a variety of contexts, some that are very different from the average user. The State of Missouri's goal for a web page is to gracefully transform the display despite the presence of constraints ranging from physical, sensory and cognitive ability aided by the use of text-base browsers, low-end processors, slow modem connections and/or no multi-media capabilities on their computers. It allows for access to Missouri web sites by new technologies. Key resources for news, information, commerce, entertainment, education, participation, services and interaction are changing from the displaced traditional sources such as schools, libraries, print materials, and discourse of the workplace to web sites.
Benefits	Compliance with accessibility standards provides those users having limitations of physical or cognitive functioning—regardless of whether it be injury-related, aging related, temporary or chronic conditions—the ability to navigate and understand the State of Missouri's web pages. Many accessibility solutions contribute to "universal design" by benefiting non-disabled users as well as people with disabilities by allowing alternate methods to be used. Alternate methods may include, but are not limited to, voice, fax, relay service, TTY, Internet posting, captioning, text-to-speech synthesis, and audio description. For example, support for speech output not only benefits blind users, but also web users whose eyes are busy with other tasks; while captions for audio not only benefit deaf users, but also increases the efficiency of indexing and searching for audio content on web sites.

BOUNDARY	
Boundary Limit Statement	

ASSOCIATED ARCHITECTURE LEVEL	
Specify the Domain Name	Interface Domain

CRITICAL REFERENCES

Related Domains/Disciplines

☐	*Interface – Branding*	☐	*Interoperability – Data Exchange*	☐	*Systems Mgt – Business Continuity*
☐	*Interface – Access*	☐	*Interoperability – Application Interoperability*	☐	*Security – Managerial Controls*
☐	*Interface – Accessibility*	☐	*Application – Application Engineering*	☐	*Security – Technical Controls*
☐	*Information – Knowledge Mgt*	☐	*Application – Electronic Collaboration*	☐	*Security – Operational Controls*

☐	Information – Data Mgt	☐	Systems Mgt – Asset Mgt	☐	Privacy – Profiling
☐	Information – GIT	☐	Systems Mgt – Change Mgt	☐	Privacy – Personification
☐	Infrastructure – Network	☐	Systems Mgt – Console/Event Mgt	☐	Privacy – Privacy
☐	Infrastructure – Platform	☐	Systems Mgt – Help Desk/Problem Mgt		

Standards Organizations/Government Bodies

List Standards Organizations	World Wide Web Consortium – Web Accessibility Initiative http://www.w3c.org/WAI/
List Government Bodies	- Section 508 of the Rehabilitation Act of 1973 as amended (29 U.S.C. 794d) http://www.access-board.gov/sec508/guide/ - Chapter 191 Health and Welfare Section 191.850 through 191.867 (potentially up to 191.899) of the Missouri Revised Statutes http://www.moga.state.mo.us/STATUTES/C191.HTM - Missouri IT Accessibility Standard - Missouri Office of Information Technology http://oit.mo.gov/standards/ITGS0003.pdf - Digital Media Developers http://oa.mo.gov/dmd/

Stakeholders/Roles

List Stakeholders	Informational Technology Advisory Board (ITAB); State of Missouri Information Technology staff from executive, legislative and judicial branches; and contractors/vendors working for the State of Missouri.
List Roles	Responsibility for development and maintenance of applications, information technology and products that are used by citizens and employees of the State of Missouri. Information technology includes computers, ancillary equipment, software, firmware and similar procedures, services (including support services), and related resources. Electronic and information technology includes information technology products like those listed above as well as telecommunications products (such as telephones), information kiosks and transaction machines, World Wide Web sites, multimedia, and office equipment such as copiers, and fax machines.

Discipline-Specific Technology Trends

List Discipline-specific Technology Trends	
Technology Trend Source	

ASSOCIATED COMPLIANCE COMPONENTS

List Discipline-level Compliance Components	Validation

METHODOLOGIES

List methodologies followed	

DISCIPLINE DOCUMENTATION REQUIREMENTS

Provide documentation requirements for this Discipline	

ASSOCIATED TECHNOLOGY AREAS

List the Technology Areas associated with this Discipline	508 Federal Standards, Missouri IT Accessibility Standards and accessibility education for internal and external developers (e.g., state employees, contractors, vendors).

CURRENT STATUS				
Provide the Current Status	☐ *In Development*	☒ *Under Review*	☐ *Approved*	☐ *Rejected*
AUDIT TRAIL				
Creation Date	12/14/04	*Date Approved/Rejected*		
Reason for Rejection				
Last Date Reviewed		*Last Date Updated*		
Reason for Update				